**Revision for Year 7 Chemistry Mid topic Test**

*If you can answer these questions you should do well in your test:*

* What is the difference between physical and chemical properties?
* Describe the physical and chemical properties of a piece of wood
* Who is Robert Brown? What was his contribution to Science?
* List the characteristics of the three states of matter?
* Give reasons for each of these characteristics using particle theory
* What is the 4th state of matter and where is it found?
* What does changing state mean?
* Explain how increasing or decreasing the energy in a substance causes change of state
* Know the correct terms for each change of state
* Explain what is the same about melting point and freezing point and what is different
* Describe how a solution is formed
* How do substances dissolve?
* What is the difference between a concentrated solution and a dilute solution?
* If 7g of copper sulphate was dissolved in 10ml of water what would the concentration be?
* Explain why solutions can become saturated.
* How is a suspension different to a solution?

**Other Study Ideas**

* Read chapters 2.1, 2.2, 2.3 & 4.1 of your text book
* Answer the questions at the end of these chapters
* Read the notes you have taken in class
* Make know you know the meanings to all the words on your vocabulary list

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